

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
D	ECN NO:L160071	IVY-C	2016.06.21
E	ECN NO:L160154	IVY-C	2017.02.09

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - CURRENT RATING: 0.5 AMP.
  - VOLTAGE RATING: 40V.
  - INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10mΩ MAX (TARGET DESIGN VALUE). AFTER TEST: Δ30mΩ MAX.
  - INSULATION RESISTANCE: 100MΩ MIN. @ 500V DC.
  - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS:
  - INSERTION FORCE: 4.5Kgf MAX.
  - WITHDRAWAL FORCE: 1.0~4.0Kgf.
- LIFE TEST: 10,000 CYCLES.
- OTHER GENERAL SPEC. TO REFER "HDMI SERIES SPEC".
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- PACKAGE: SEE "2HE1683 SERIES" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- Salt Spray : 48 hours.



PART NO.  
2HE1683-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE: 1: TAPE AND REEL
- HOUSING COLOR: 1: BLACK
- CONTACT PLATING: 1: GOLD FLASH ON CONTACT AREA, MATTE TIN ON SOLDER AREA.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	INK	-		BLACK
E	TOP COVER	1	LCP UL 94V-0	BLACK
D	BOTTOM COVER	1	LCP UL 94V-0	BLACK
C	CONTACT	19	C2680	SEE PART NO.
B	SHELL	1	SUS 304	NICKEL PLATED
A	HOUSING	1	LCP UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司		
DECIMALS:		ANGLES:		
X	:±0.5	X	:±2°	TITLE HDMI A TYPE FEMALE, REVERSE, DIP, C.H=-1.18mm
X.X	:±0.3	X.X	:±1°	DWN IV-C 2017.02.09 PART NO. 2HE1683-000111F
X.XX	:±0.2			CHKD ANGELA2017.02.09 SCALE 3.3:1 UNIT: mm
		APVD ANGELA2017.02.09	SIZE: A3	SHEET: 1 OF 1 REV: E
CUSTOMER COPY				

